

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 03161445
PUBLICATION DATE : 11-07-91

APPLICATION DATE : 20-11-89
APPLICATION NUMBER : 01299573

Aral → : - 3Aral → : Gall → : - 3Manl → :

APPLICANT : KAO CORP;

INVENTOR : SUZUKI YOSHIO;

INT.CL. : A61K 31/725 A61K 31/725 // C08B
37/00 C12P 19/04 (C12P 19/04
C12R 1:91)

²
↓
- 4GlcUAl → : Xyli → = 1.6 ~ 2.4 : 1.2 ~ 2.0 :

³
↓
1.0 ~ 1.8 : 1.4 ~ 2.2 : 1.4 ~ 2.2 : 0.1 ~ 0.3

TITLE : REMEDY FOR NEPHRITIS

ABSTRACT : PURPOSE: To obtain a remedy for nephritis having excellent remedying effect against nephritis and exhibiting little side effect by using an acidic heteropolysaccharide produced by the tissue culture of a plant as an active component.

CONSTITUTION: The objective agent is produced by using an acidic heteropolysaccharide secreted from the cell of a callus induced from a plant of genus Polianthes (e.g. tuberosa) as an active component, properly mixing with a pharmacologically allowable additive and forming in the form of medicine by conventional method. The acidic heteropolysaccharide contains arabinose, mannose, galactose, glucuronic acid and xylose as constituent sugars and the bonding patterns and the constitution ratios of the sugars are shown in the formula. The molecular weight of the polysaccharide is 1×10^4 to 2×10^7 . It can be used as injection, tablet, powder, granule, capsule, etc., and is administered at rate of 1-20mg for injection and 10-200mg for oral administration for male adult per week.

COPYRIGHT: (C)1991,JPO&Japio

BEST AVAILABLE COPY